

**NUTRIENT MANAGEMENT (CSP Enhancements)**  
**Colorado Enhancement Activity Job Sheet N-9**

**February 2005**

**Name:**

**Urease enzyme stabilizer use to reduce nitrogen volatilization**

Payment = \$1.00 / Acre / Year to use urease enzyme stabilizer to reduce nitrogen volatilization in the field. The payment applies only to those acres urease enzyme stabilizers are applied.

Urease enzyme stabilizers bind the urea nitrogen, limiting the amount of nitrogen subject to volatilization for up to two weeks. Nitrogen losses are reduced measurably compared to non-stabilized urea nitrogen application thus reducing air quality pollutants.

**Documentation Required:** Receipt from fertilizer applicator or certification from farmer or crop consultant on urease enzyme use. The following table is for documentation. An example is provided.

| Tract & Field #s or Name | Acres | Crop Grown     |
|--------------------------|-------|----------------|
| T123 Field 3,8           | 256   | Irrigated corn |
| Smith Fields 1,2,3       | 480   | Winter Wheat   |
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**Use of Urease Enzyme Stabilizer for Nitrogen Certification**

I certify that I used a urease enzyme stabilizer during nitrogen application in the fields listed above.

Name: \_\_\_\_\_

Date: \_\_\_\_\_